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CENTRAL INTELLIGENCE AGENCY

## INFORMATION REPORT

COUNTRY China

SUBJECT Medical Research in Communist China

50X1-HUM

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3. All medical research institutes and production plants for vaccines and serums have undergone almost complete reorganization. Several new laboratories have been organized. The largest was built in the Hankow-Wuchang area. In 1950 mass production was begun of cholera, typhoid-paratyphoid and smallpox vaccines; work on diphtheria anti-toxin and toxoid is also under way.

4. At present there is an acute insufficiency of properly trained personnel, and there is no optimistic data indicating improvement during the following two or three years. The standard of the newly graduated technician is distinctly below the standard of the Chinese medical technologist before 1948. Facilities and equipment as well as routine supply of material for mass production of vaccines and serums appears to be sufficient. However, at the moment no information on that subject is available from beyond the Great Wall.

5. With the exception of the Pasteur Institute of Shanghai, where Dr. Liu was engaged in extensive BCG work, no scientists of repute were performing systematic work in immunology up to January 1951.

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5.

laboratories in Peking, Shanghai, Hankow, Wuchang area, Mukden, Dairen, Harbin and Sianfu claimed in December 1952 that their combined production was sufficient to take care of 75 to 80% of the total requirements.

6.

Due to the lack of standard equipment and standard manufacturing facilities in China, no reliable evaluation of products can be made. Up until January 1953 no compulsory controls or bureau of standards for biological products was functioning.

7.

Can you give us names and biographic data on any outstanding medical scientists in China who could contribute substantially to the medical knowledge of the USSR?

As soon as the list of so-called "Exchange Scientists" is available this data will be dispatched to you.

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A. (a) Modern equipment for manufacturing sulfu drugs (synthesis)  
 (b) No information  
 (c) Nee Brothers, directors  
 (d) They never produced any vaccines while in Shanghai.

10.

percentage of the Chinese population is RH positive

Figures of a survey conducted by the POMC show 99.8%. Figures obtained [redacted] indicate about 98%. [redacted] be furnished if requested.

11.

There has been no recent publication of such research. Extensive work on rickettsial diseases has been reported in Manchuria (probably Dairen) in collaboration with groups of Soviet scientists headed by Professor Golovanoff.

12.

There is no large scale research in antibiotics. A production attempt in Shanghai by the former Star Brand Laboratories is so far a failure.

13.

14.

15.

It is very doubtful that a large scale immunization will take place within the next two years. However, they may try. (See question 5.)

16.

Compulsory immunization with extreme police measures have been reported.

17.

How effective were these measures? How extensive was the supply of antibiotics, sulfonamides and inoculants during the outbreaks? Was the supply adequate?

(1) It is too early to judge. (2) All antibiotics and sulfonamides were under Soviet government control. (3) No adequate supply is expected in the near future. Most of the available antibiotics are of Western manufacture. Even satellite countries are trading with China through the W.C.T. No USSR antibiotics are circulating south of the Great Wall. The most popular brands and the actual choice of the government purchasing authorities are first: US brands, second French manufactured Specia, then Glaxco, etc.

18.

Available information indicates that there is no antibiotic production of important volume as yet.

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19.

There is a distinctly declining standard in medical education. Some universities are establishing an abbreviated course. The standard of matriculation is lower than ever before.

20.

In 1950 three Soviet citizens graduated from the University of Aurora were appointed to newly established laboratories in Wuchang. At the end of a year's trial, the whole idea of appointment of foreign personnel had proved unsuccessful.

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